AUTODOC CLUB

# How to change engine thermostat on **AUDI A4 Convertible (8H7, B6, 8HE, B7)** – replacement guide

## SIMILAR VIDEO TUTORIAL




This video shows the replacement procedure of a similar car part on another vehicle

**Important!**

This replacement procedure can be used for:
AUDI A4 Convertible (8H7, B6, 8HE, B7) 2.0 TDI

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: VW GOLF II (19E, 1G1) 1.6

# REPLACEMENT: ENGINE THERMOSTAT – AUDI A4 CONVERTIBLE (8H7, B6, 8HE, B7). TOOLS YOU MIGHT NEED:




- Torque wrench
- Drive socket # 7
- Drive socket # 10
- Drive socket # 13
- Ratchet wrench
- Fluid container
- Funnel
- Fender cover

Buy tools

Replacement: engine thermostat – AUDI A4 Convertible (8H7, B6, 8HE, B7). Tip from AUTODOC:

- Check the condition of the coolant every time you replace the thermostat. Change the coolant if necessary.
- Please note: all work on the car – AUDI A4 Convertible (8H7, B6, 8HE, B7) – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

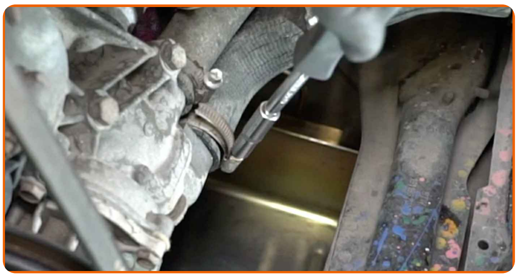
3 Unscrew the coolant reservoir cap.



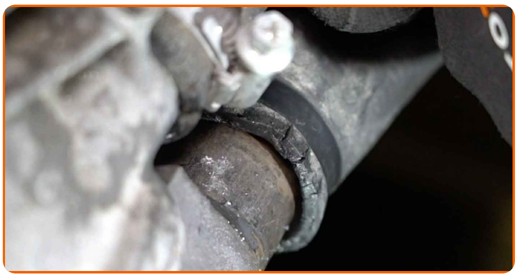
4 Prepare a container for fluids.



5 Loosen the coolant hose clamp. Use a drive socket #7. Use a ratchet wrench.



6 Detach the coolant hose.



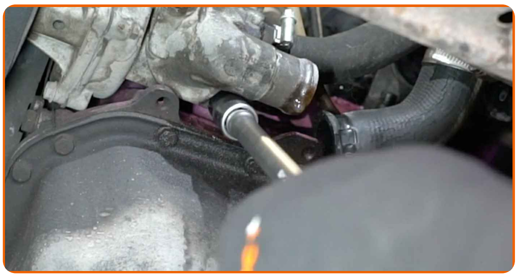
7 Drain the coolant from the engine.



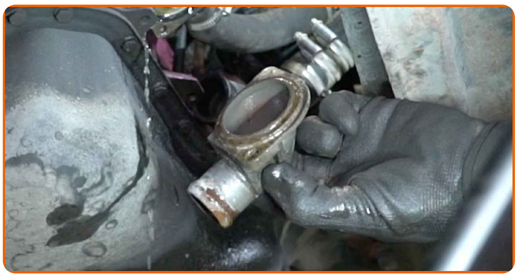
## Replacement: engine thermostat – AUDI A4 Convertible (8H7, B6, 8HE, B7). Tip:

- Caution! The coolant can be very hot.
- Wear gloves to prevent contact with hot liquid.
- All work should be done with the engine stopped.
- Wait until the coolant has completely flowed out of the drain hole.

**8** Unscrew the thermostat housing fasteners. Use a drive socket #13. Use a ratchet wrench.



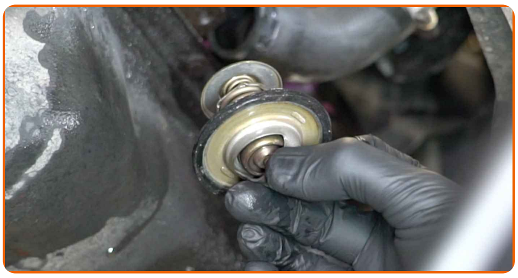
**9** Remove the thermostat housing.



## AUTODOC recommends:

- Replacement: engine thermostat – AUDI A4 Convertible (8H7, B6, 8HE, B7). Do not use excessive force when removing the part as this may damage it.

**10** Remove the thermostat.



## AUTODOC recommends:

- Replacement: engine thermostat – AUDI A4 Convertible (8H7, B6, 8HE, B7). Do not use excessive force when removing the part as this may damage it.
- Caution! Coolant may leak out of the coolant lines and thermostat housing.

**11** Install a new thermostat.



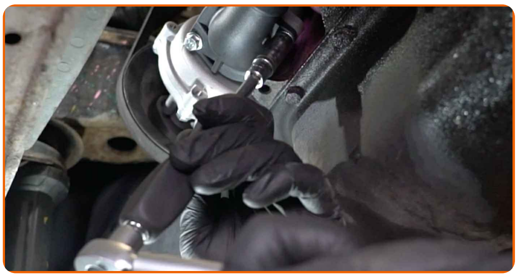
## Replacement: engine thermostat – AUDI A4 Convertible (8H7, B6, 8HE, B7). Tip:

- When installing, do not use excessive force to avoid damage to the part.

**12** Install the thermostat housing.



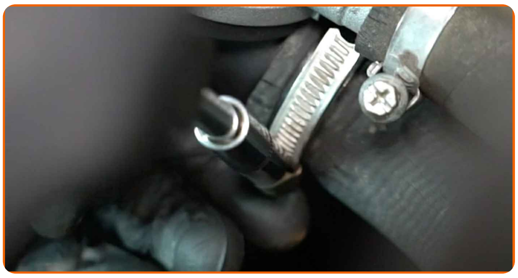
13 Tighten the thermostat housing fasteners. Use a drive socket #10. Use a torque wrench. Tighten it to 13 nm torque.



14 Attach the coolant hose.



15 Secure the coolant hose clamp. Use a drive socket #7. Use a ratchet wrench.



16 Remove the coolant reservoir cap.

17 Insert the funnel.



**18** Pour coolant in the coolant reservoir.



## Replacement: engine thermostat – AUDI A4 Convertible (8H7, B6, 8HE, B7). Tip from AUTODOC:

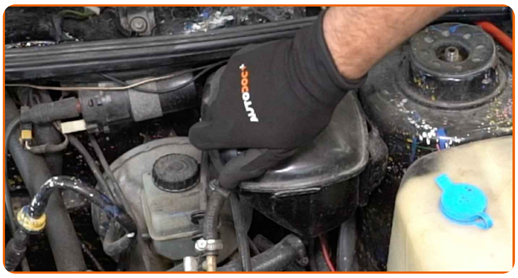
- Only use the coolant recommended by the manufacturer.
- The coolant level should be at the MAX mark.
- Wait until the air goes out of the system.

**19** Run the engine for a few minutes. This should be done in order to remove residual air from the cooling system and to check if the components are operating correctly.

**20** Shut off the engine.

**21** Install the coolant reservoir cap.

**22** Screw on the coolant reservoir cap.



**23** Remove the fender protection cover.

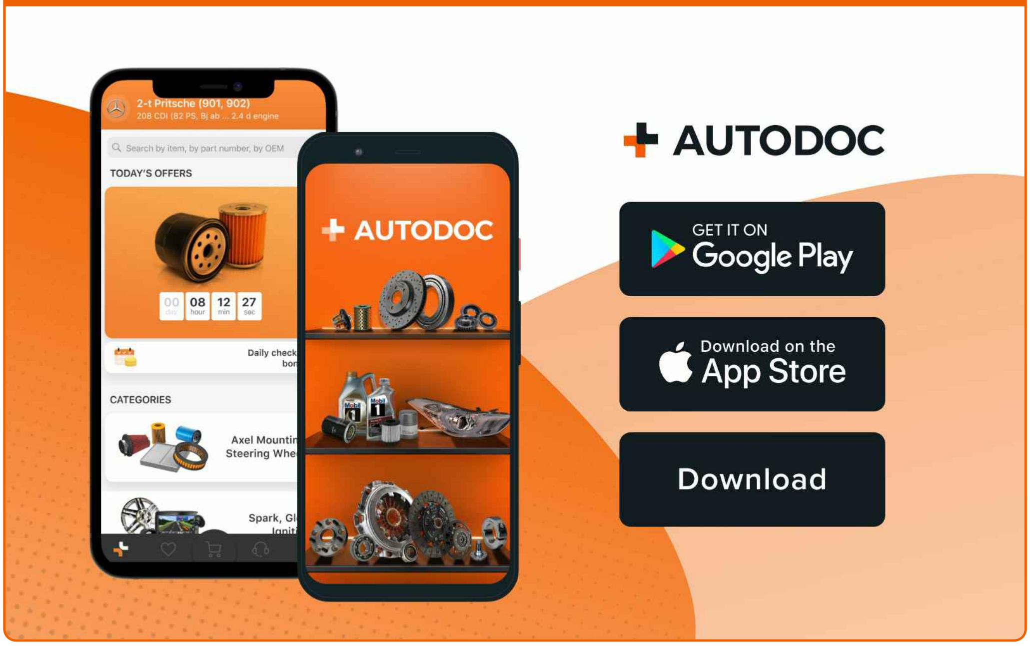
**24** Close the hood.

## WELL DONE!

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